

FEDERAL COMMUNICATIONS COMMISSION

CLASS OF STATION FM

RITA1

The following application is submitted for action by the Chief, Broadcast Bureau.

ST	FILE NUMBER	CALL	APPLICANT AND LOCATION	NATURE OF APPLICATION
IA	BPH -911003MI N/M	NEW 102.1MHZ	MILFORD BROADCASTING COMPANY MILFORD IA	CP FOR NEW FM ON FREQ: 102.1 MHZ; ERP: 50 KW (H&V); HAAT: 150 METERS (H&V); 43 20 55 95 12 40

LICENSE EXPIRATION DATE _____

PN: 10-30-91

Sherrita V. White

CHIEF, LICENSE DIVISION

RECOMMENDATION: GRANT() CONSTRUCTION DATES, START _____ END _____

CONTESTED () UNCONTESTED ()

APPROVED _____

FOR CHIEF, BROADCAST BUREAU

F.C.C.-WASHINGTON, D.C.

Approved by OMB
3060-0440
Expires 2/28/93

FEDERAL COMMUNICATIONS COMMISSION
FEE PROCESSING FORM

FOR
FCC
USE
ONLY

FCC/MELLON OCT 03 1991

10-04-91 8195879 003

Please read instructions on back of this form before completing it. Section I MUST be completed. If you are applying for concurrent actions which require you to list more than one Fee Type Code, you must also complete Section II. This form must accompany all payments. Only one Fee Processing Form may be submitted per application or filing. Please type or print legibly. All required blocks must be completed or application/filing will be returned without action.

SECTION I

APPLICANT NAME (Last, first, middle initial)

Milford Broadcasting Company

ORIGINAL

MAILING ADDRESS (Line 1) (Maximum 36 characters - refer to Instruction (2) on reverse of form)

c/o Mullin, Rhyne, Emmons and Topel, P.C.

MAILING ADDRESS (Line 2) (if required) (Maximum 36 characters)

1000 Connecticut Avenue, N.W. - Suite 500

CITY

Washington

STATE OR COUNTRY (if foreign address)

DC

ZIP CODE

20036-5383

CALL SIGN OR OTHER FCC IDENTIFIER (if applicable)

New FM - Milford, Iowa

Enter in Column (A) the correct Fee Type Code for the service you are applying for. Fee Type Codes may be found in FCC Fee Filing Guides. Enter in Column (B) the Fee Multiple, if applicable. Enter in Column (C) the result obtained from multiplying the value of the Fee Type Code in Column (A) by the number entered in Column (B), if any.

(A)

FEE TYPE CODE

(1)

M T R

(B)

FEE MULTIPLE
(if required)

--	--	--	--

(C)

FEE DUE FOR FEE TYPE
CODE IN COLUMN (A)

\$ 2,030.00

FOR FCC USE ONLY

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SECTION II

— To be used only when you are requesting concurrent actions which result in a requirement to list more than one Fee Type Code.

(A)

FEE TYPE CODE

(B)

FEE MULTIPLE
(if required)

(C)

FEE DUE FOR FEE TYPE
CODE IN COLUMN (A)

FOR FCC USE ONLY

(2)

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\$	
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(3)

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\$	
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(4)

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\$	
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(5)

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\$	
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ADD ALL AMOUNTS SHOWN IN COLUMN C, LINES (1) THROUGH (5), AND ENTER THE TOTAL HERE. THIS AMOUNT SHOULD EQUAL YOUR ENCLOSED REMITTANCE.

TOTAL AMOUNT REMITTED
WITH THIS APPLICATION
OR FILING

\$ 2,030.00

FOR FCC USE ONLY

2030.00

INSTRUCTIONS FOR COMPLETING FEE PROCESSING FORM, FCC FORM 155, March 1991

- (1) "Applicant Name" - Enter the name (last, first, middle initial) of the applicant as it appears on the original application or filing being submitted with this Fee Processing Form. If company, enter name which is used commercially.
- (2) "Mailing Address (Line 1)" - Enter the street address or post office box number to which the applicant wishes correspondence sent.
- (3) "Mailing Address (Line 2)" - This line may be used for further identification of the address if additional space is required.
- (4) "City" - Enter the name of the city associated with the given street address.
- (5) "State or Country" - Enter the appropriate two-digit state abbreviation as prescribed by the U.S. Postal Service. If address is foreign, enter the appropriate country name here.
- (6) "ZIP Code" - Enter the appropriate five or nine-digit ZIP code prescribed by the U.S. Postal Service.
- (7) "Call Sign or Other FCC Identifier" - Enter an applicable call sign or unique FCC identifier, if any, as shown on your attached application or filing. If applying for a service affecting more than one call sign, enter one call sign only.
- (8) Column (A) "Fee Type Code" - Enter correct Fee Type Code(s) from the appropriate Fee Filing Guide. Only one Fee Processing Form may

LAW OFFICES

MULLIN, RHYNE, EMMONS AND TOPEL
PROFESSIONAL CORPORATION

1000 CONNECTICUT AVENUE - SUITE 500
WASHINGTON, D. C. 20036-5383

(202) 659-4700 TELECOPIER (202) 872-0604

EUGENE F. MULLIN
SIDNEY WHITE RHYNE
NATHANIEL F. EMMONS
HOWARD A. TOPEL
HOWARD M. WEISS
LAWRENCE ROBERTS
LINDA J. ECKARD

MARK N. LIPP*
CHRISTOPHER A. HOLT
J. PARKER CONNOR
OF COUNSEL

J. MARK ABSON^Δ*
SPECIAL COUNSEL
^ΔSOLICITOR OF THE
SUPREME COURT OF
ENGLAND AND WALES
*NOT ADMITTED IN DC

October 3, 1991

BY HAND

Ms. Donna R. Searcy, Secretary
Federal Communications Commission
Mass Media Services
P.O. Box 358195
Pittsburgh, PA 15251-5195

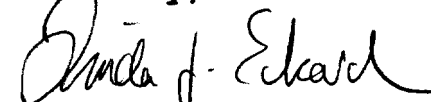
Dear Ms. Searcy:

Enclosed for filing are an original and two copies of an application for a construction permit for a new FM facility on Channel 271C2 at Milford, Iowa. The application is being filed in response to Report & Order, DA 91-877, released July 22, 1991, setting September 6, 1991, through October 7, 1991, as the dates in which to file an application.

Also enclosed is a check for \$2,030 made payable to the FCC to cover the required filing fee.

If there are any questions concerning this application, please contact the undersigned counsel to Milford Broadcasting Company.

Sincerely,


Linda J. Eckard

LJE:js
Enclosure

ORIGINAL

FCC/MELLON OCT 03 1991

Federal Communications Commission
Washington, D. C. 20554

FCC 301

Approved by OMB
3000-0027

Expires 2/28/92

See Page 25 for information
regarding public burden estimate

APPLICATION FOR CONSTRUCTION PERMIT FOR COMMERCIAL BROADCAST STATION

For COMMISSION Fee Use Only

FEE NO:

FEE TYPE:

FEE AMT:

ID SEQ:

For APPLICANT Fee Use Only

Is a fee submitted with this application? ☒ Yes ☐ No

If fee exempt (see 47 C.F.R. Section 1.1112), indicate reason therefor (check one box):

☐ Noncommercial educational licensee☐ Governmental entity

FOR COMMISSION USE ONLY

FILE NO.

BPH-911003MI

Section I - GENERAL INFORMATION

1. Name of Applicant

Milford Broadcasting Company

Street Address or P.O. Box
RD #1, Box 161City
MilfordState
IAZIP Code
51351Telephone No. (include Area Code)
(712) 332-7836

Send notices and communications to the following person at the address below:

Name

Kevin Galbraith

Street Address or P.O. Box
15 Horseshoe LaneCity
PaoliState
PAZIP Code
19301Telephone No. (include Area Code)
(215) 647-2700

2. This application is for:

☐

AM

☒

FM

☐

TV

(a) Channel No. or Frequency

102.1 MHz

(b) Principal
Community

City

Milford

State

IA

(c) Check one of the following boxes:

☒ Application for NEW station☐ MAJOR change in licensed facilities; call sign: _____☐ MINOR change in licensed facilities; call sign: _____☐ MAJOR modification of construction permit; call sign: _____

File No. of construction permit: _____

☐ MINOR modification of construction permit; call sign: _____

File No. of construction permit: _____

☐ AMENDMENT to pending application; Application file number: _____

NOTE: It is not necessary to use this form to amend a previously filed application. Should you do so, however, please submit only Section I and those other portions of the form that contain the amended information.

3. Is this application mutually exclusive with a renewal application?

☐

Yes

☒

No

If Yes, state:

102.1 MHz
BPH -911003MI NEW
MILFORD IA
MILFORD BROADCASTING COMPANY

cense

State

Section II - LEGAL QUALIFICATIONS

Name of Applicant

Milford Broadcasting Company

1. Applicant is: (check one box below)

☐ Individual

☐ General partnership

☒ For-profit corporation

☐ Other

☐ Limited partnership

☐ Not-for-profit corporation

2. If the applicant is an unincorporated association or a legal entity other than an individual, partnership, or corporation, describe in an Exhibit the nature of the application.

Exhibit No.

NOTE: The terms "applicant," "parties to this application," and "non-party equity owners in the applicant" are defined in the instructions for Section II of this form. Complete information as to each "party to this application" and each "non-party equity owner in the applicant" is required. If the applicant considers that to furnish complete information would pose an unreasonable burden, it may request that the Commission waive the strict terms of this requirement with appropriate justification.

3. If the applicant is not an individual, provide the date and place of filing of the applicant's enabling charter (e.g. a limited partnership must identify its certificate of limited partnership and a corporation must identify its articles of incorporation by date and place of filing):

Date 9/30/91

Place Des Moines, Iowa

In the event there is no requirement that the enabling charter be filed with the state, the applicant shall include the enabling charter in the applicant's public inspection file. If, in the case of a partnership, the enabling charter does not include the partnership agreement itself, the applicant shall include a copy of the agreement in the applicant's public inspection file.

4. Are there any documents, instruments, contracts or understandings (written or oral), other than

☐ Yes ☒ No

Section 11 - LEGAL QUALIFICATIONS (Page 2)

6. List the applicant, parties to the application and non-party equity owners in the applicant. Use one column for each individual or entity. Attach additional pages if necessary.

(Read carefully - The numbered items below refer to line numbers in the following table.)

1. Name and residence of the applicant and, if applicable, its officers, directors, stockholders, or partners (if other than individual also show name, address and citizenship of natural person authorized to vote the stock). List the applicant first, officers next, then directors and, thereafter, remaining stockholders and partners.
2. Citizenship.
3. Office or directorship held.
4. Number of shares or nature of partnership interests.
5. Number of votes.
6. Percentage of votes.
7. Other existing attributable interests in any broadcast station, including the nature and size of such interests.
8. All other ownership interests of 5% or more (whether or not attributable), as well as any corporate officership or directorship, in broadcast, cable, or newspaper entities in the same market or with overlapping signals in the same broadcast service, as described in 47 C.F.R. Section 73.3555 and 73.501, including the nature and size of such interests and the positions held.

1	Milford Broadcasting Co. RD #1, Box 161 Milford, IA 51351	Kevin W. Galbraith 15 Horseshoe Lane Paoli, PA 19301	Sharyl L. Potratz 1012 W. 10th Street Spencer, IA 51301
2	Iowa Corporation	U.S.A.	U.S.A.
3	Not applicable	President, Treasurer, Director	Secretary, Director Vice-President
4	2000 Voting Shares 8000 Non-Voting Shares	1020 Voting Shares (51%) 8000 Non-Voting Shares(100%)	980 Voting Shares (49%)
5	2000 Votes (one per voting share)	1020	980
6	2000 Votes Equals 100% of Vote	51 %	49 %
7	None	None	None
8	None	None	None

Section 11 - LEGAL QUALIFICATIONS (Page 2)

(CONTINUED)

6. List the applicant, parties to the application and non-party equity owners in the applicant. Use one column for each individual or entity. Attach additional pages if necessary.

(Read carefully - The numbered items below refer to line numbers in the following table.)

1. Name and residence of the applicant and, if applicable, its officers, directors, stockholders, or partners (if other than individual also show name, address and citizenship of natural person authorized to vote the stock). List the applicant first, officers next, then directors and, thereafter, remaining stockholders and partners.

2. Citizenship.

3. Office or directorship held.

4. Number of shares or nature of partnership interests.

5. Number of votes.

6. Percentage of votes.

7. Other existing attributable interests in any broadcast station, including the nature and size of such interests.

8. All other ownership interests of 5% or more (whether or not attributable), as well as any corporate officership or directorship, in broadcast, cable, or newspaper entities in the same market or with overlapping signals in the same broadcast service, as described in 47 C.F.R. Section 73.3555 and 73.501, including the nature and size of such interests and the positions held.

1.	Stanley R. Galbraith 2935 21st Avenue, North Fort Dodge, IA 50501		
2.	U.S.A.		
3.	Director		
4.	None		
5.	None		
6.	None		
7.	None		
8.	None		

Section 11 - LEGAL QUALIFICATIONS (Page 3)

7. Does the applicant, any party to the application or any non-party equity owner in the applicant have, or have they had, any interest in:

(a) a broadcast station, or pending broadcast station application before the Commission?

☐ Yes ☒ No

(b) a broadcast application which has been dismissed with prejudice by the Commission?

☐ Yes ☒ No

(c) a broadcast application which has been denied by the Commission?

☐ Yes ☒ No

(d) a broadcast station, the license of which has been revoked?

☐ Yes ☒ No

(e) a broadcast application in any pending or concluded Commission proceeding which left unresolved character issues against the applicant?

☐ Yes ☒ No

If the answer to any of the questions in (a)-(e) above is Yes, state in an Exhibit the following information:

Exhibit No.

(1) Name of party having interest;

(2) Nature of interest or connection, giving dates;

(3) Call letters of stations or file number of application or docket; and

(4) Location.

8. (a) Are any of the parties to the application or non-party equity owners in the applicant related (as husband, wife, father, mother, brother, sister, son or daughter) to each other?

☒ Yes ☐ No

(b) Does any member of the immediate family (i.e. husband, wife, father, mother, brother, sister, son or daughter) of any party to the application or non-party equity owner in the applicant have any interest in or connection with any other broadcast station, pending broadcast application or newspaper in the same area (see Section 73.3555(c)) or, in the case of a television station applicant only, a cable television system in the same area (see Section 76.501(a))?

☒ Yes ☐ No

If the answer to (a) or (b) above is Yes, attach an Exhibit giving full disclosure concerning the persons involved, their relationship, the nature and extent of such interest or connection, the file number of such application, and the location of such station or proposed station.

Exhibit No.
II.8.a/b

9. State in an Exhibit any interest the applicant or any party to this application proposes to divest in the event of a grant of this application.

Exhibit No.
II.9

OTHER MASS MEDIA INTERESTS

10. (a) Do individuals or entities holding nonattributable interests of 5% or more in the applicant have an attributable ownership interest or corporate officership or directorship in a broadcast station, newspaper or CATV system in the same area? (See Instruction 8 to Section 11.)

☐ Yes ☒ No

(b) Does any member of the immediate family (i.e. husband, wife, father, mother, brother, sister, son or daughter) of an individual holding a nonattributable interest of 5% or more in the applicant have any interest in or connection with any other broadcast station, pending broadcast application, newspaper in the same area (see Section 73.3555(c)), or, in the case of a television station applicant only, a cable television system in the same area (see Section 76.501(a))?

☐ Yes ☒ No

If the answer to (a) and/or (b) above is Yes, attach an Exhibit giving a full disclosure concerning the persons involved, their relationship, the nature and extent of such interest or connection, the file number of such application, and the location of such station or proposed station.

Exhibit No.

Section 11 - LEGAL QUALIFICATIONS (Page 4)

CITIZENSHIP AND OTHER STATUTORY REQUIREMENTS

11. (a) Is the applicant in violation of the provisions of Section 810 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments? (See instruction C to Section 11.)

☐ Yes ☒ No

- (b) Will any funds, credits or other financial assistance for the construction, purchase or operation of the station(s) be provided by aliens, foreign entities, domestic entities controlled by aliens, or their agents?

☐ Yes ☒ No

If the answer to (b) above is Yes, attach an Exhibit giving full disclosure concerning this assistance.

Exhibit No.

12. (a) Has an adverse finding been made or an adverse final action been taken by any court or administrative body as to the applicant, any party to this application, or any non-party equity owner in the applicant in a civil or criminal proceeding brought under the provisions of any law related to the following:

Any felony; broadcast related antitrust or unfair competition; criminal fraud or fraud before another governmental unit; or discrimination?

☐ Yes ☒ No

- (b) Is there now pending in any court or administrative body any proceeding involving any of the matters referred to in (a) above?

☐ Yes ☒ No

If the answer to (a) and/or (b) above is Yes, attach an Exhibit giving full disclosure concerning persons and matters involved, including an identification of the court or administrative body and the proceeding (by dates and file numbers), a statement of the facts upon which the proceeding is or was based or the nature of the offense alleged or committed, and a description of the current status or disposition of the matter.

Exhibit No.

SECTION III - FINANCIAL QUALIFICATIONS

NOTE: If this application is for a change in an operating facility do not fill out this section.

1. The applicant certifies that sufficient net liquid assets are on hand or that sufficient funds are available from committed sources to construct and operate the requested facilities for three months without revenue.

☒ Yes ☐ No

2. State the total funds you estimate are necessary to construct and operate the requested facility for three months without revenue.

\$ 400,000

3. Identify each source of funds, including the name, address, and telephone number of the source (and a contact person if the source is an entity), the relationship (if any) of the source to the applicant, and the amount of funds to be supplied by each source.

Source of Funds (Name and Address)	Telephone Number	Relationship	Amount
Kevin W. Galbraith 15 Horseshoe Lane Paoli, PA 19301	(215) 647-2700	Officer, Director, Shareholder	\$ 400,000
Galbraith Enterprises, Inc. Profit Sharing Plan 15 Horseshoe Lane Paoli, PA 19301 Attn: Kevin Galbraith Administrator/Trustee Principal Beneficiary	(215) 647-2700	Kevin Galbraith is Officer, Director, Shareholder	\$ 250,000

Section IV-A - PROGRAM SERVICE STATEMENT

Attach as an Exhibit, a brief description, in narrative form, of the planned programming service relating to the issues of public concern facing the proposed service area.

Exhibit No.
IV-A

Section IV-B - INTEGRATION STATEMENT

Attach as an Exhibit the information required in 1 and 2 below.

Exhibit No.
IV-B

1. List each principal of the applicant who, in the event of a grant of the application on a comparative basis proposes to participate in the management of the proposed facility and, with respect to each such principal, state whether he or she will work full-time (minimum 40 hours per week) or part-time (minimum 20 hours per week) and briefly describe the proposed position and duties.

2. State with respect to each principal identified in response to Item 1. above, whether the applicant will claim qualitative credit for any of the following enhancement factors:

(a) Minority Status

(b) Past Local Residence

If Yes, specify whether in the community of license or service area and the corresponding dates.

(c) Female Status

(d) Broadcast Experience

ORIGINAL

EVANS ASSOCIATES
Consulting Engineers

ENGINEERING EXHIBIT
APPLICATION FOR CONSTRUCTION PERMIT
FOR A NEW FM BROADCAST STATION
AT MILFORD, IOWA

MILFORD BROADCASTING COMPANY

SEPTEMBER 1991

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ENGINEERING STATEMENT

This Engineering Statement and the attached figures have been prepared on behalf of Milford Broadcasting Company by B. Benjamin Evans of Evans Associates, Consulting Communications Engineers in Thiensville, Wisconsin, in support of an application for a construction permit for a new Class C2 FM broadcast facility to operate on Channel 271 (102.1 MHz) at Milford, Iowa. No facility is presently operating on this assignment.

PROPOSED FACILITIES

It is proposed herein to construct a new 158-meter AGL steel guyed tower to be used as the location of the transmitting antenna. The new facility will operate with 50 kilowatts effective radiated power and 150 meters antenna height above average terrain.

The proposed antenna location meets all minimum distance spacing requirements set forth in Section 73.207 of the FCC rules.

The proposed facility will serve an area of 8,531 square kilometers and a population of 98,069 persons with a predicted 1.0 mv/m signal or better. The area was determined using numerical integration. The population was calculated on the basis of the 1980 U.S. Census figures, updated to 1986.

BLANKETING

The proposed blanket contour, calculated in accordance with Paragraph 73.318(a) of the FCC rules, extends 2.8 kilometers from the transmitter site. The applicant will resolve all known complaints of blanketing interference within this contour in accordance with Section 73.318.

COVERAGE REQUIREMENTS

The herein-proposed facility will cover all of the city of Milford with a predicted 3.16 mv/m signal or better.

INTERFERENCE CONSIDERATIONS

There are no FM or TV transmitters or non-broadcast radio stations within 60 meters of the proposed transmitter site nor established

Engineering Statement - New FM Station, Milford, IA
Page 2

commercial or government receiving stations within the blanket contour that are known to the applicant. There are no FM or TV broadcast stations within 10 kilometers of the proposed FM station, nor any AM stations within 3.2 kilometers.

If instances of objectionable interference to any station, broadcast or non-broadcast, due to the proposed facility should arise, the applicant will cooperate fully, as appropriate, to eliminate the interference.

ENVIRONMENTAL CONSIDERATIONS

The site on which the proposed antenna tower will be built is not located in any area referenced in Section 1.1307(a) of the FCC rules. The proposed construction will not involve significant changes in surface features.

The proposed project does not involve the construction of a supporting structure equipped with high intensity white obstruction lighting in a residential neighborhood.

The proposed facility meets the radio frequency radiation exposure guidelines recommended by the American National Standards Institute (ANSI C95.1-1982). Using the procedures outlined in OST Bulletin No. 65, the calculated worst-case power density due to the proposed facility at any point beneath the antenna two meters above the ground is found to be 0.148 mW/sq.cm., or 14.8% of the ANSI-recommended exposure level. Therefore, the general public will not be exposed to RF radiation levels exceeding ANSI guidelines.

If workers are required to climb the tower, they will be protected from overexposure to RF radiation by reducing the transmitter output power to a safe level of exposure, or by turning off the power completely.

In view of the above, this proposal is not deemed to be a major environmental action.

Engineering Statement - New FM Station, Milford, IA
Page 3

ATTACHMENTS

Affidavit

FCC Form 301, Section V-B

- Figure 1** - - - Vertical Plan Sketch of Antenna Structure
- Figure 2** - - - Map Showing Predicted Service Contours
- Figure 3** - - - Topographic Map Showing Proposed Site
- Figure 4** - - - FM Allocation Separation Requirements Study
- Figure 5** - - - FAA Notice of Proposed Construction

A F F I D A V I T

COUNTY OF OZAUKEE)
) SS:
STATE OF WISCONSIN)

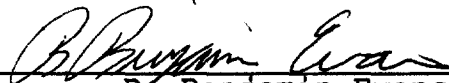
B. BENJAMIN EVANS, being duly sworn upon oath deposes and says:

That he is a Consulting Communications Engineer in Wisconsin, and is a partner in the firm of Evans Associates;

That his qualifications are a matter of record with the Federal Communications Commission;

That this firm has been retained by Milford Broadcasting Company to prepare the instant engineering exhibit;

That he has either prepared or directly supervised the preparation of all technical information contained in this engineering exhibit, and that the facts stated in the attached engineering statement are true to his knowledge except those statements identified herein as based on information or belief, and as to such statements he believes them to be true.


B. Benjamin Evans

Subscribed and sworn to before me this 24th day of September, 1991.


Notary Public

My Commission expires May 15, 1994 .

Section V-B - FM BROADCAST ENGINEERING DATA

FOR COMMISSION USE ONLY

File No. _____

ASB Referral Date _____

Referred by _____

Name of Applicant

Milford Broadcasting Company

Call letters (if issued)

Is this application being filed in response to a window?



Yes



No

If Yes, specify closing date:

October 7, 1991

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 2)

4. Does the application propose to correct previous site coordinates?
If Yes, list old coordinates.

☐ Yes ☒ No

Latitude	0	Longitude	0
----------	---	-----------	---

5. Has the FAA been notified of the proposed construction?

☒ Yes ☐ No

If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available.

Central Regional Office

Exhibit No.

Date 9/17/91

Office where filed Kansas City, MO

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

	Landing Area	Distance (km)	Bearing (degrees True)
(a)	<u>Fuller</u>	<u>4.2</u>	<u>112</u>
(b)	<u>Spirit Lake</u>	<u>7.4</u>	<u>53</u>

7. (a) Elevation: (to the nearest meter)

(1) of site above mean sea level; 443.5 meters

(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 158.8 meters

(3) of the top of supporting structure above mean sea level [(aX1) + (aX2)] 602.3 meters

- (b) Height of radiation center: (to the nearest meter)¹ H - Horizontal; V - Vertical

(1) above ground 150.1 meters (H)

150.1 meters (V)

(2) above mean sea level [(aX1) + (bX1)] 593.6 meters (H)

593.6 meters (V)

(3) above average terrain 150.0 meters (H)

150.0 meters (V)

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 7(b)(3). If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator.

Exhibit No.
Eng. Fig. 1

9. Effective Radiated Power:

(a) ERP in the horizontal plane

50.0 kw (H*) 50.0 kw (V*)

(b) Is beam tilt proposed?

☐ Yes ☒ No

If Yes, specify maximum ERP in the plane of the tilted beam, and attach as an Exhibit a vertical elevational plot of radiated field.

Exhibit No.

 kw (H*) kw (V*)

*Polarization

15. Attach as an Exhibit a 7.5 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction V. The map must further clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers.

Exhibit No.
Eng. Fig. 3

16. Attach as an Exhibit *(name the source)* a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.
Eng. Fig. 2

(a) the proposed transmitter location, and the radials along which profile graphs have been prepared;

(b) the 816 mV/m and 1 mV/m predicted contours; and

(c) the legal boundaries of the principal community to be served.

17. Specify area in square kilometers (1 sq. mi. = 259 sq. km.) and population (latest census) within the predicted 1 mV/m contour.

Area 8,531 sq. km.

Population 98,069

18. For an application involving an auxiliary facility only, attach as an Exhibit a map *(Sectional Aeronautical Chart or equivalent)* that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.

(a) the proposed auxiliary 1 mV/m contour; and

(b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license.

19. Terrain and coverage data *(to be calculated in accordance with 47 C.F.R. Section 73.313)*

Source of terrain data: *(check only one box below)*

☒ Linearly interpolated 90-second database

☐ 7.5 minute topographic map

(Source: National Geophysical Data Center)

☐ Other *(briefly summarize)*

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 5)

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 8 to 16 km (meters)	Predicted Distances	
		To the 816 mV/m contour (kilometers)	To the 1 mV/m contour (kilometers)
117.0°	147.5	32.53	51.83
0	149.9	32.77	52.13
45	159.1	33.66	53.25
90	148.7	32.65	51.98
135	152.3	33.01	52.43
180	161.5	33.89	53.52
225	150.9	32.87	52.26
270	132.7	30.99	49.84
315	144.9	32.27	51.50

*Radial through principal community, if not one of the major radials. This radial should NOT be included in the calculation of HAAT.

20. Environmental Statement (See 47 C.F.R. Section 1.1301 et seq.)

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact? ☐ Yes ☒ No

If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

Exhibit No.

If No, explain briefly why not. See Engineering Statement.

CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.


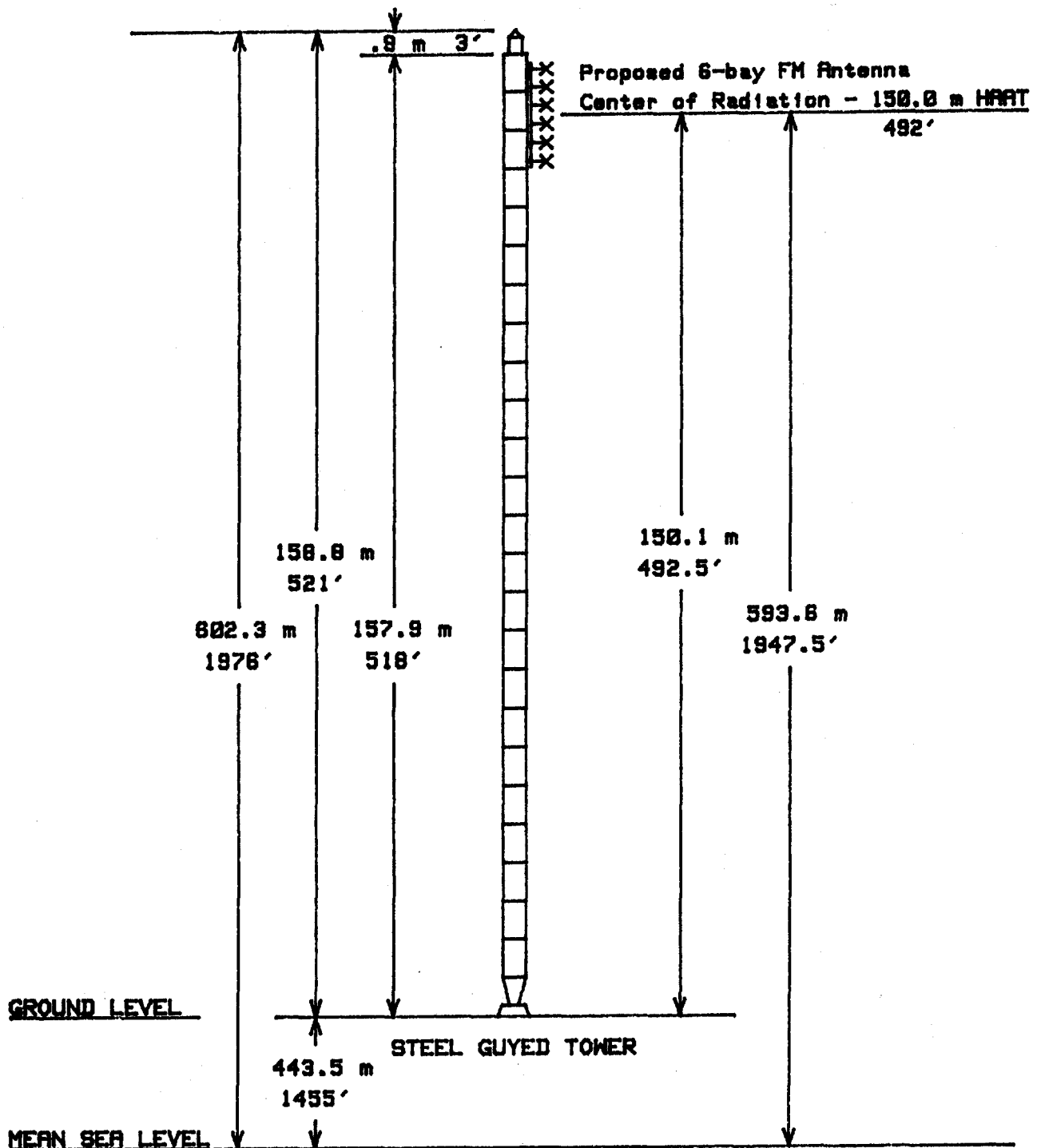
Name (Typed or Printed)	Relationship to Applicant (e.g., Consulting Engineer)
B. Benjamin Evans	Consulting Engineer
Signature	Address (Include ZIP Code)
	216 N. Green Bay Road Thiensville, WI 53092
Date	Telephone No. (Include Area Code)
September 24, 1991	(414) 242-6000

FIGURE 1



VERTICAL PLAN SKETCH OF ANTENNA STRUCTURE

New FM Station
Milford, Iowa
50.0 KW E.R.P. 102.1 MHz

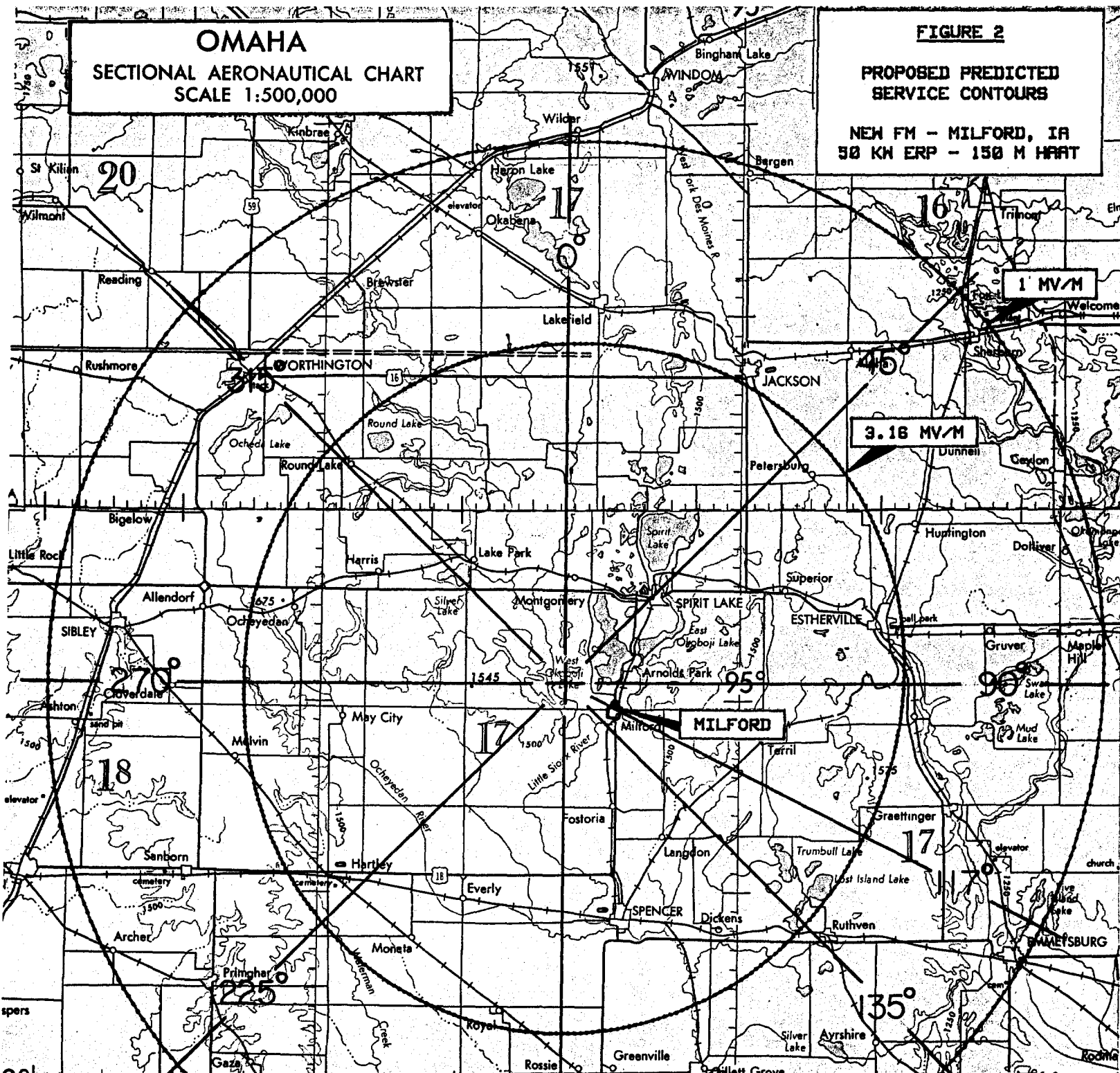
OMAHA

SECTIONAL AERONAUTICAL CHART
SCALE 1:500,000

FIGURE 2

PROPOSED PREDICTED
SERVICE CONTOURS

NEW FM - MILFORD, IA
50 KW ERP - 150 M HAT



320 IV NE
LAKE PARK)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

95° 15' 318000m E 319 320 12' 30" 322
43° 22' 30"

MILFORD QUADRANGLE
IOWA
7.5 MINUTE SERIES (TOPOGRAPHIC)

FIGURE 3
**TOPOGRAPHIC MAP SHOWING
PROPOSED SITE**

**NEW FM STATION
MILFORD, IOWA**

480000m N

4803

4802

T. 99 N.

T. 98 N.

4801

